

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
30 September 2004 (30.09.2004)

PCT

(10) International Publication Number
WO 2004/083215 A3

(51) International Patent Classification⁷: **C07D 498/22**,
A61K 31/4745, A61P 25/28

(21) International Application Number:
PCT/EP2004/004016

(22) International Filing Date: 22 March 2004 (22.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/456,246 21 March 2003 (21.03.2003) US

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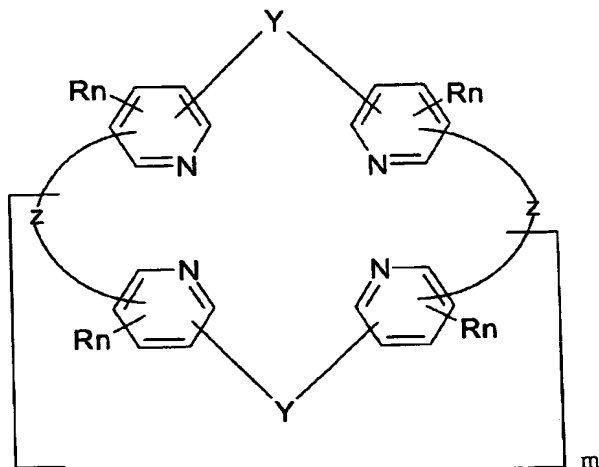
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,

[Continued on next page]

(54) Title: NITROGENEOUS POLYCYCLIC DERIVATIVES USEFUL AS CHELATORS OF METAL IONS AND THEIR AP-
PLICATIONS



(I)

(57) Abstract: The invention relates to the use of nitrogenous polycyclic derivatives for preparing drugs for treating neurodegenerative diseases, said derivatives having formula : (I) wherein R_n is R₁, R₂, R₃ and R₄, identical or different and represent H or one or several radicals selected in the group comprising -OH, alkyl, -O-alkyl, -NH₂, -NH-alkyl, -N (R₅, R₆), the alkyl being a C₁-C₆ alkyl, or an halogen, - Y forms a phenyl with both pyridines, optionally ortho-substituted by R₅, or ortho-disubstituted by R₅ and R₆, said substituents, identical or different, being selected amongst alkyl, -O-alkyl, -NH₂, -NH-alkyl, -N (R₅, R₆), the alkyl being a C₁-C₆ alkyl, or an halogen, or represents -(CH₂)_{m1}-W-(CH₂)_{m2}, with M₁ and M₂ being 0, 1 or 2, and W being a group -CH₂-, -CH-(R₇), O, or N (R₈, R₉), R₇, R₈ and R₉, identical or different, being a C₁-C₃ alkyl radical, or H, - Z is -A-(CH₂)_m-U-(CH₂)_n-A-, with A = O or N, and U = -(CH₂)_n-, -N(R₁, R₂), -COOH, -OH, with n is 2 to 6, and n₁ is 0 or 1, and the complexes thereof with transition metals.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:

4 November 2004

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004016

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D498/22 A61K31/4745 A61P25/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>MURALI DORAISWAMY P: "NON-CHOLINERGIC STRATEGIES FOR TREATING AND PREVENTING ALZHEIMER'S DISEASE"</p> <p>CNS DRUGS, ADIS INTERNATIONAL, AUCKLAND, NZ,</p> <p>vol. 16, no. 12, 2002, pages 811-824, XP009033332</p> <p>ISSN: 1172-7047</p> <p>page 819-820, paragraph entitled "1.9. Chelation Therapy"</p> <p style="text-align: center;">----- -/-</p>	1-15



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

17 August 2004

Date of mailing of the international search report

07/09/2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/004016

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CHERNY R A ET AL: "AQUEOUS DISSOLUTION OF ALZHEIMER'S DISEASE ABETA AMYLOID DEPOSITS BY BIOMETAL DEPLETION" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 274, no. 33, 1999, pages 23223-23228, XP000929630 ISSN: 0021-9258 page 23227-23228, paragraph entitled "Discussion"	1-15
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Information on patent family members

International Application No

PCT/EP2004/004016

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